

Title (en)

TURBINE BLADE WITH BANKED PLATFORM

Title (de)

TURBINENSCHÄUFEL MIT ÜBERHÖHTER PLATTFORM

Title (fr)

AUBE ROTORIQUE DE TURBINE COMPRENANT UNE PLATEFORME SURHAUSSEÉ

Publication

EP 2376745 A2 20111019 (EN)

Application

EP 09813840 A 20091120

Priority

- US 2009065361 W 20091120
- US 33078308 A 20081209

Abstract (en)

[origin: US2010143139A1] A turbine blade includes an airfoil and integral platform at the root thereof. The platform is contoured in elevation from a bank adjacent the pressure side of the airfoil to a trough commencing behind the airfoil leading edge.

IPC 8 full level

F01D 5/14 (2006.01)

CPC (source: EP US)

F01D 5/143 (2013.01 - EP US); **F01D 5/145** (2013.01 - EP US); **Y02T 50/60** (2013.01 - EP US)

Citation (search report)

See references of WO 2010068391A2

Cited by

DE102018212178A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2010143139 A1 20100610; **US 8647067 B2 20140211**; CA 2744816 A1 20100617; CA 2744816 C 20170307; EP 2376745 A2 20111019; EP 2376745 B1 20160323; JP 2012511653 A 20120524; JP 5550657 B2 20140716; WO 2010068391 A2 20100617; WO 2010068391 A3 20101118

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US 33078308 A 20081209; CA 2744816 A 20091120; EP 09813840 A 20091120; JP 2011539586 A 20091120; US 2009065361 W 20091120